HD 590 Prestige

Headphones | Audiophile Headphones

English, French Cat. No. 004590
Am. English, Spanish Cat. No. 004591
German, Italian Cat. No. 004486

General Description

The audiophile-quality HD 590 Prestige open circumaural headphones ensure unadulterated listening pleasure with outstanding clarity. Selected materials and the computer-optimised design make these headphones exceptionally comfortable to wear.

Technical Data

Frequency response	12 – 38,000 Hz (–10 dB/1 kHz)
Transducer principle	dynamic, open
Frequency characteristic	diffuse field equalised
Impedance	120 Ω
Characteristic SPL	110 dB (at 1 kHz, 1 V_{rms})
THD	< 0.1 % at 1 kHz, 110 dB SPL
Ear coupling	circumaural
Contact pressure	approx. 2.5 N
Weight (without cable)	approx. 270 g
Connector	3.5 mm Ø stereo mini jack plug with adaptor to 1/4" (6.3 mm) stereo jack plug
Connection cable	3 m, detachable single-sided OFC copper cable

Features

- Top-of-the-range high-definition open-back hi-fi stereo headphones
- Superbly natural sound reproduction and better localisation of sounds due to new transducer orientation (patent pending)
- Large-surface Duofol diaphragms eliminate standing waves in the capsule
- Extremely lightweight 18-mm aluminium voice coils for fast transient response with excellent linearity, suitable for professional monitoring
- New Sennheiser patented damping element for controlling diaphragm oscillation
- Computer-optimised neodymium ferrous magnet systems minimise harmonic distortion
- Detachable, single-sided connection cable made from Kevlar-reinforced, highly conductive OFC copper

Recommended Accessories

- HZR 62 stereo volume control — Cat No. 005248

Replacement Parts

- Ear pads (1 pair) — Cat. No. 077906
- Connection cable — Cat. No. 091581